

Listing of Claims:

1. (Currently Amended) An earphone or headphone having a vibration actuator mounted as an electroacoustic transducer, said vibration actuator comprising:

a magnetic circuit including a permanent magnet, a yoke, and
5 a plate used for concentrating magnetic flux of said permanent magnet, wherein said magnetic circuit ~~and which~~ has a magnetic gap at a portion thereof;

a coil disposed in the magnetic gap of said magnetic circuit;

10 a vibrating plate attached with said coil and imparted with a driving force by said coil;

a suspension which is formed by a flexible spring and ~~supporting~~ which supports said magnetic circuit; ~~and~~

15 a vibration transmitting portion ~~fixing~~ which fixes said suspension; and

a cover which covers an outer side, and a terminal for electrical connection disposed on said cover.

2. (Previously Presented) An earphone or headphone according to claim 1, wherein, by simultaneously inputting a low frequency signal for generating a body sensible vibration and a

signal for generating a sound and having a frequency higher than
5 that of said low frequency signal, said vibration actuator
simultaneously generates said body sensible vibration and said
sound.

3. (Previously Presented) An earphone or headphone
according to claim 1, wherein, in said vibration actuator, said
magnetic circuit vibrates in response to an input signal of a
low-band frequency that generates a body sensible vibration and a
5 low-pitched tone, both of said vibrating plate and said magnetic
circuit vibrate in response to an input signal of an
intermediate-band frequency, and said vibrating plate vibrates in
response to an input signal of a high-band frequency to produce a
high-pitched tone.

Claim 4 (Canceled).

5. (Currently Amended) An earphone or headphone according
to claim ~~4~~ 1, wherein the terminal for electrical connection is
provided inside a vibrator.

6. (Currently Amended) An earphone or headphone according
to claim ~~4~~ 1, wherein said cover has a sound release hole for air
viscosity attenuation.

7. (Previously Presented) An earphone or headphone according to claim 1, wherein the vibration actuator has a stepped structure disposed at an outer periphery of said magnetic circuit to protect rolling of said magnetic circuit.

8. (Previously Presented) An earphone or headphone according to claim 7, wherein said stepped structure has an air hole.

9. (Previously Presented) An earphone or headphone according to claim 1, wherein, in said vibration actuator, said magnetic circuit has a vibration resonance frequency between 60 Hz and 300 Hz.

10. (Previously Presented) An earphone or headphone according to claim 9, wherein the earphone or headphone allows bodily sensation of "a vibration sound" felt by tactile sense.

11. (Previously Presented) An earphone or headphone according to claim 9, wherein the earphone or headphone allows bodily sensation of "a tactile sound" felt by tactile sense.

12. (Previously Presented) An earphone or headphone according to claim 9, wherein the earphone or headphone allows bodily sensation of "a conduction sound" felt by tactile sense.

13. (Currently Amended) An earphone or headphone according to claim 2, wherein, in said vibration actuator, said magnetic circuit vibrates in response to an input signal of a low-band frequency that generates ~~a~~ said body sensible vibration and a
5 low-pitched tone, both of said vibrating plate and said magnetic circuit vibrate in response to an input signal of an intermediate-band frequency, and said vibrating plate vibrates in response to an input signal of a high-band frequency to produce a high-pitched tone.